

Abstract of the Disclosure

Methods, systems and kits for the simultaneous or sequential analysis of a multitude of steroid hormones by mass spectrometry are disclosed. The methods require minimal sample size and minimal preparation time. The methods include ionizing the hormones and analyzing the hormones by mass spectrometry. In addition, methods, systems and kits for the simultaneous or sequential analysis of steroid hormones are disclosed including ionization of the steroid hormones by photoionization.